

**ABSTRACT****Broadband Communication System**

- In a broadband communication system, comprises a plurality of cordless communication devices (1) for cordless communication with at least one communication terminal (2), for example a cordless telephone, a television receiver or a lap top computer, within a communication cell. The cordless communication devices (1) are connectible to the power supply network of, for example, a building and are fashioned for broadband data transmission with the other cordless communication devices (1) and/or a control unit (5) via the power supply network.
- The cordless data transmission between cordless communication device or base station (1) and communication terminal (2) preferably ensues via infrared radiation. The invention enables a broadband cordless data transmission between various terminal devices (2) or from one terminal device to an external communication network given the lowest possible installation expense.
- Fig. 1